

FIG.1

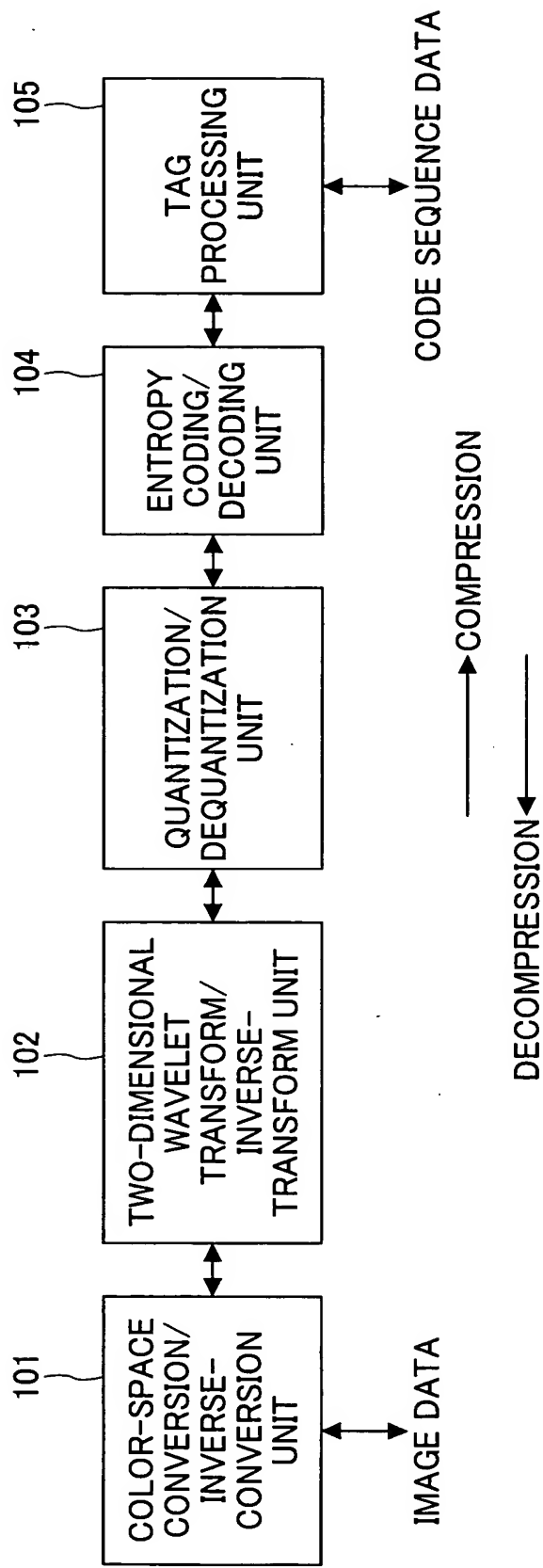


FIG.2

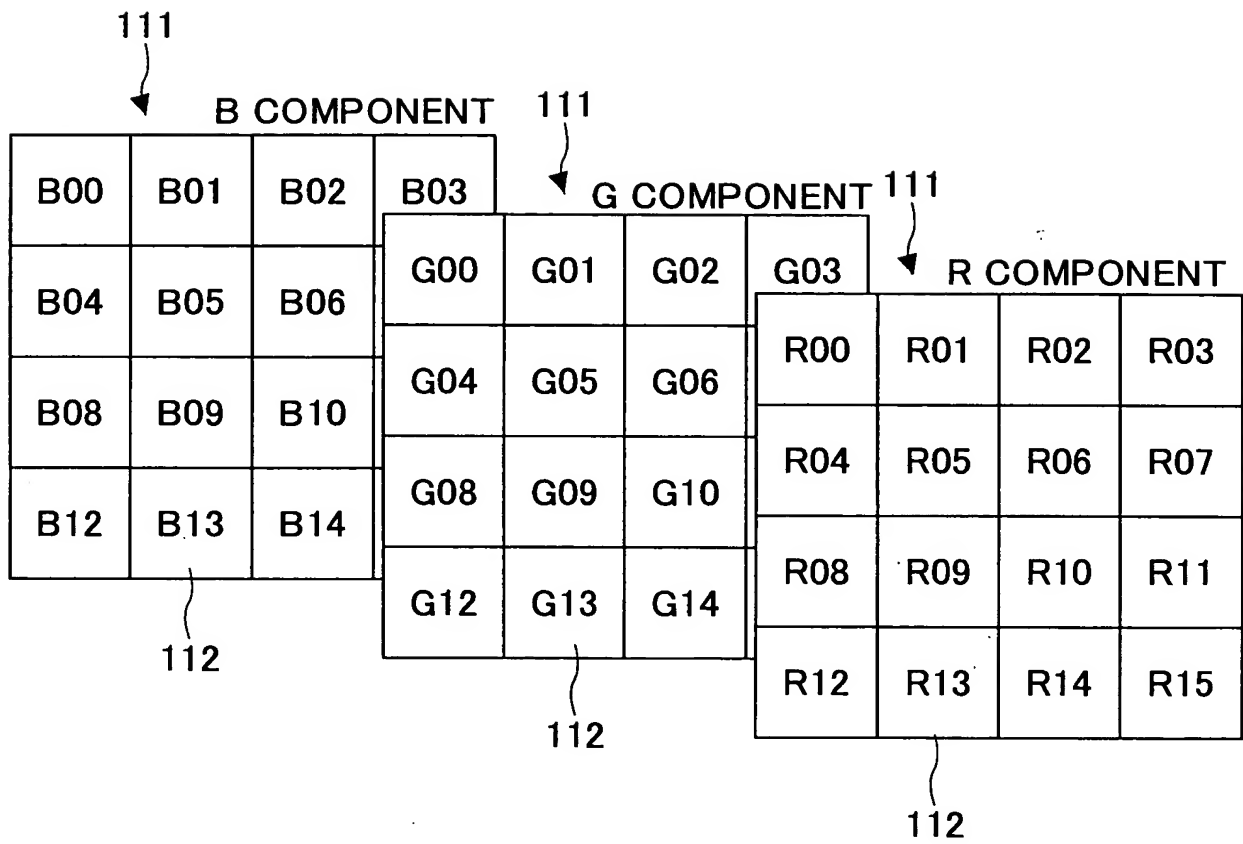
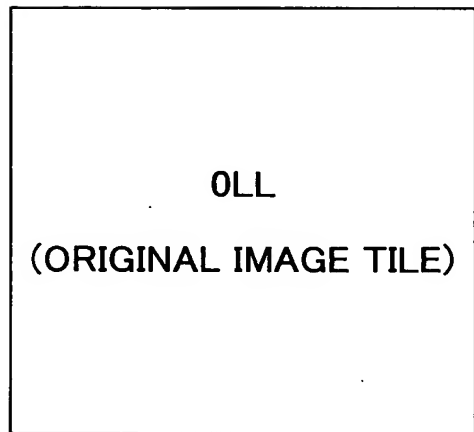
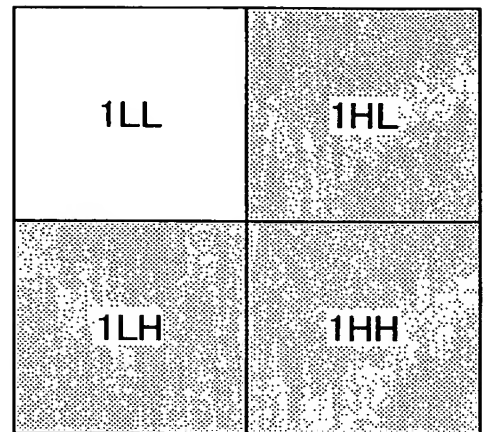


FIG.3A



DECOMPOSITION\_LEVEL\_0

FIG.3B



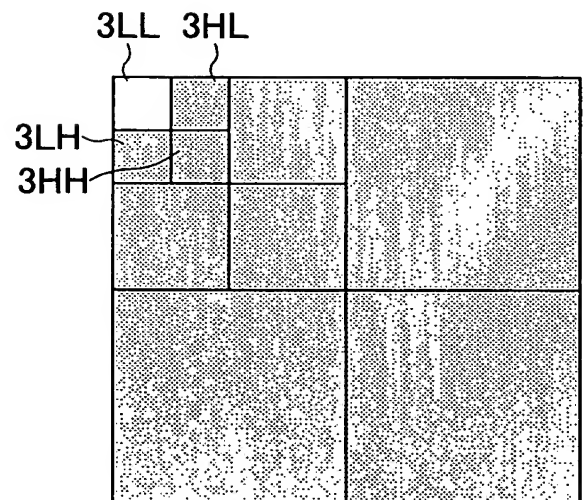
DECOMPOSITION\_LEVEL\_1

FIG.3C



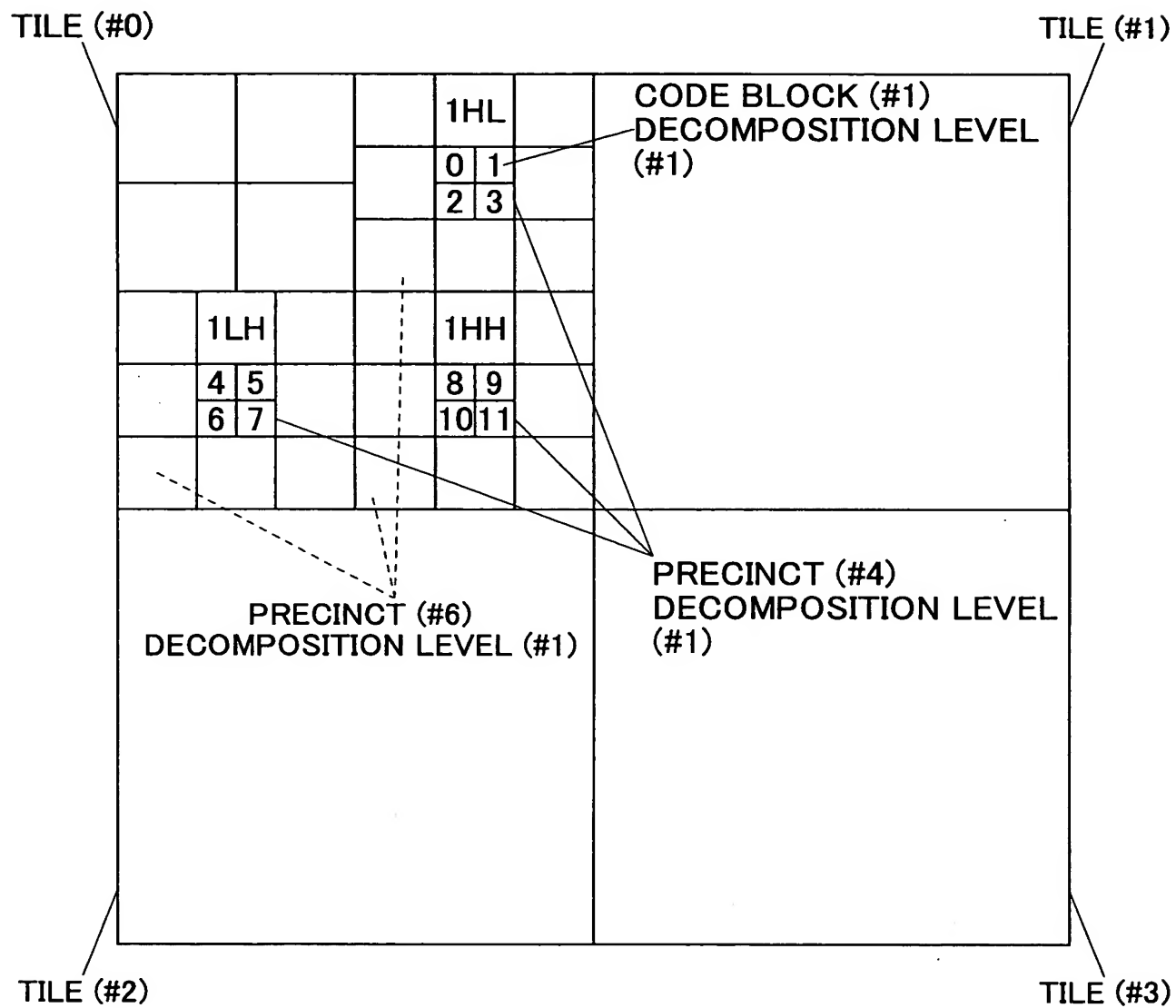
DECOMPOSITION\_LEVEL\_2

FIG.3D

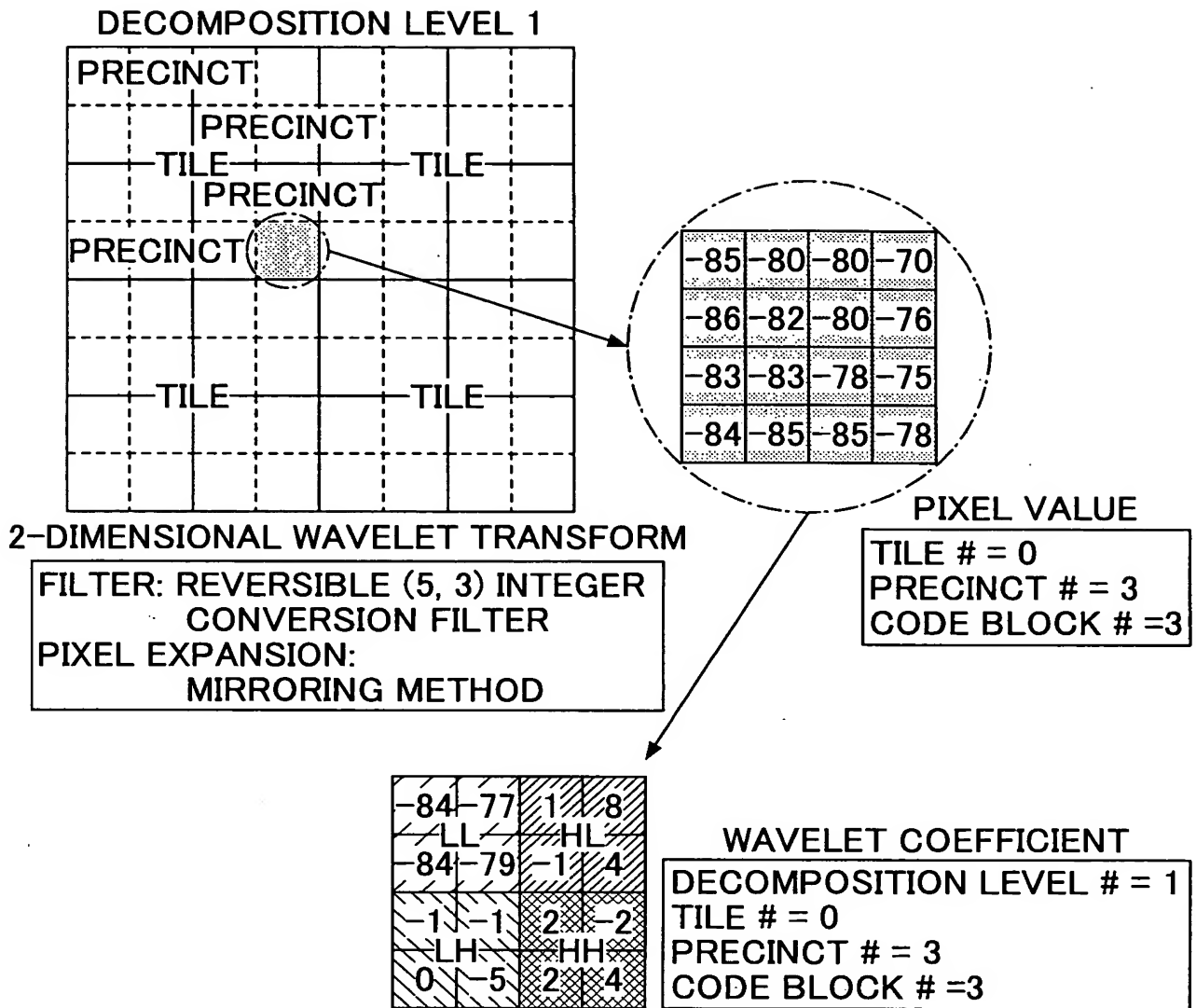


DECOMPOSITION\_LEVEL\_3

# FIG.4



# FIG.5A



**FIG. 5B**

	-84	-84	-77	-79
LAYER # = 0	-	-	-	-
LAYER # = 1	1	1	1	1
	0	0	0	0
	1	1	0	0
LAYER # = 2	0	0	1	1
LAYER # = 3	1	1	1	1
	0	0	0	1
	0	0	1	1

1LL

FIG. 5C

Diagram illustrating the structure of a 16-bit coefficient value, divided into two 8-bit sections:

- Left 8 bits (MSB):**
  - Bit 15: **1** (Fixed)
  - Bits 14-12: **1 8 4** (Fixed)
  - Bits 11-8: **+** (Sign of Coefficient)
  - Bits 7-0: **+** (Coefficient Value)
- Right 8 bits (LSB):**
  - Bits 15-8: **0 0 0 0 0 0 0 0** (Fixed)
  - Bits 7-0: **0 0 0 0 0 0 0 0** (Fixed)

The entire 16-bit structure is labeled **16L** at the bottom.

**FIG. 5D**

-1	0	-1	-5
-	0	-	-
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	1
0	0	0	0
1	0	1	1

1LH

**FIG. 5E**

2	2	-2	4
+	+	-	+
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	1
1	1	1	0
0	0	0	0

1HH

FIG.6

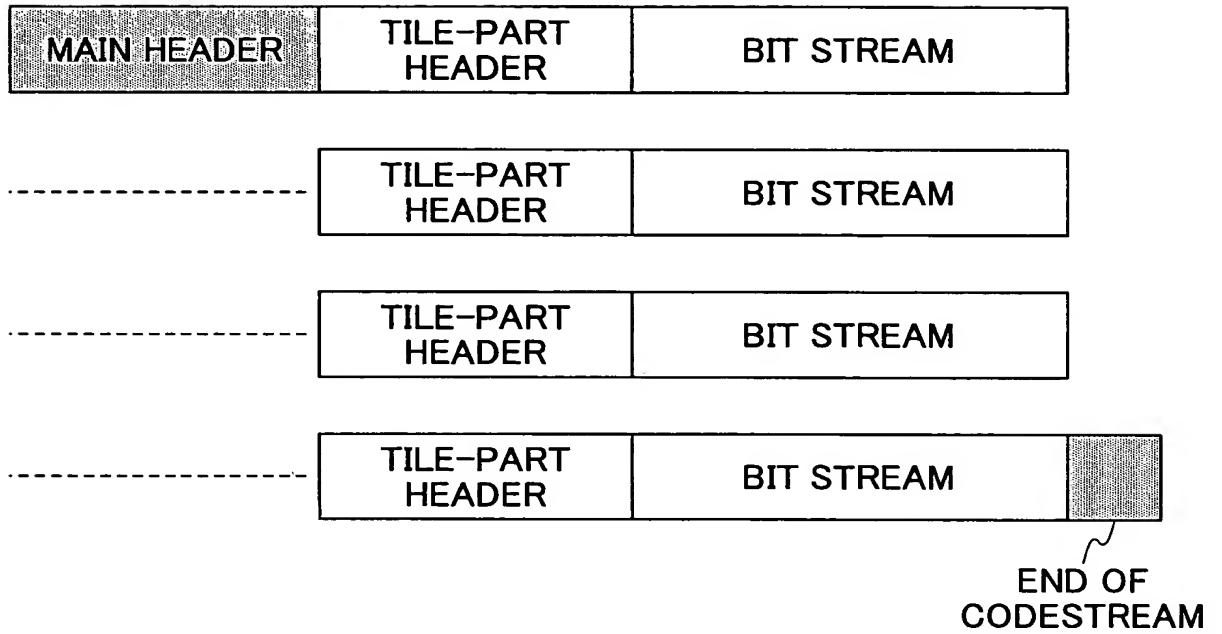


FIG.7

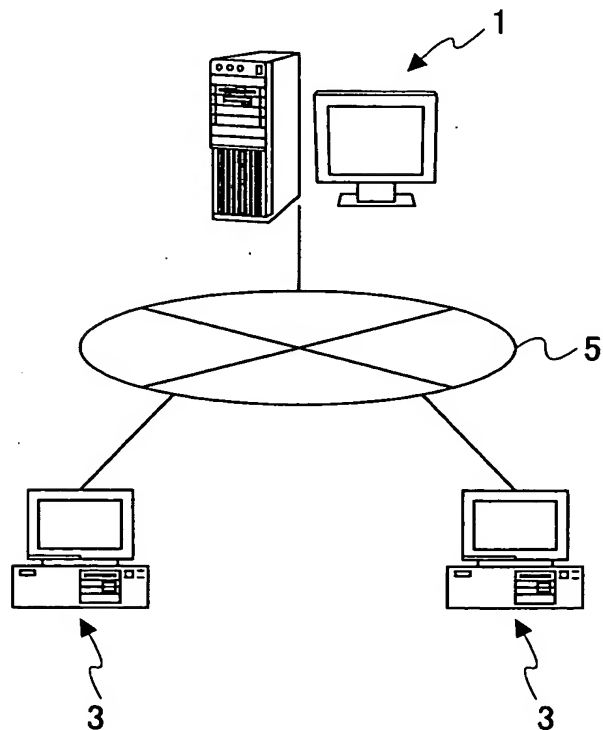


FIG.8

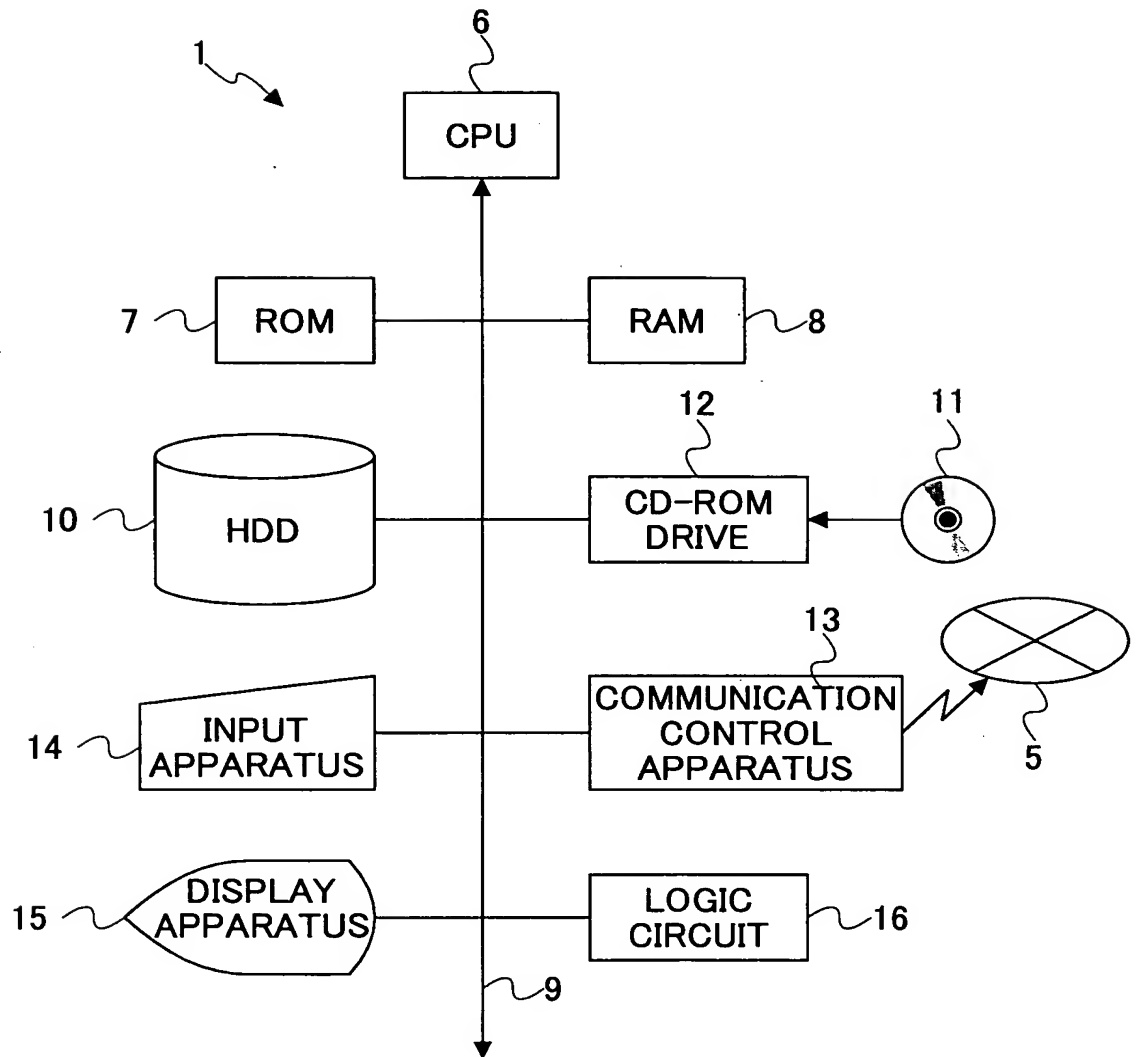




FIG.9A

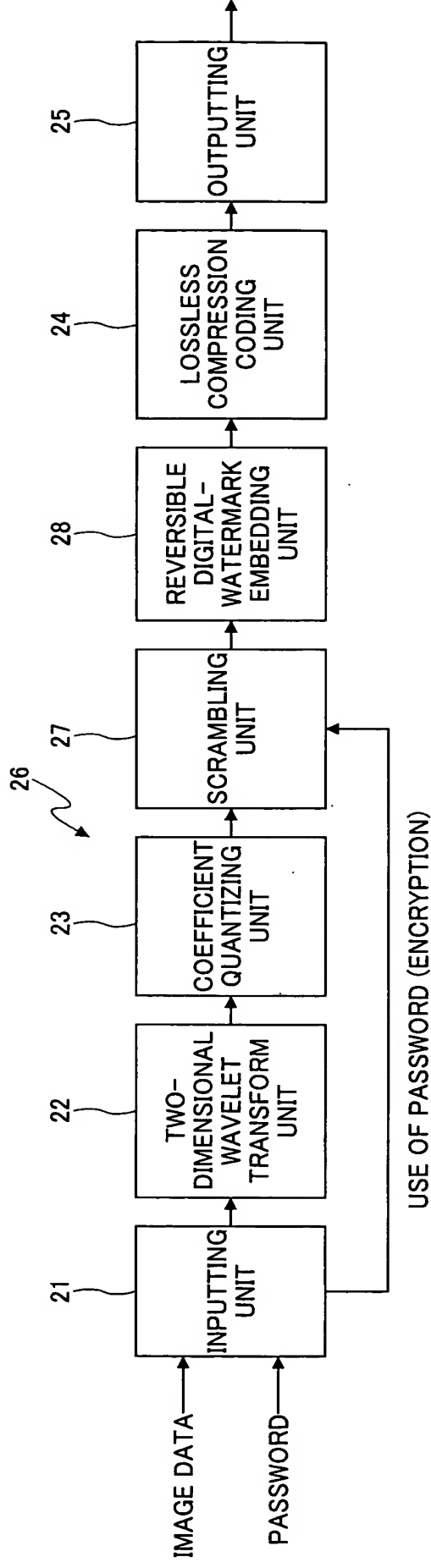
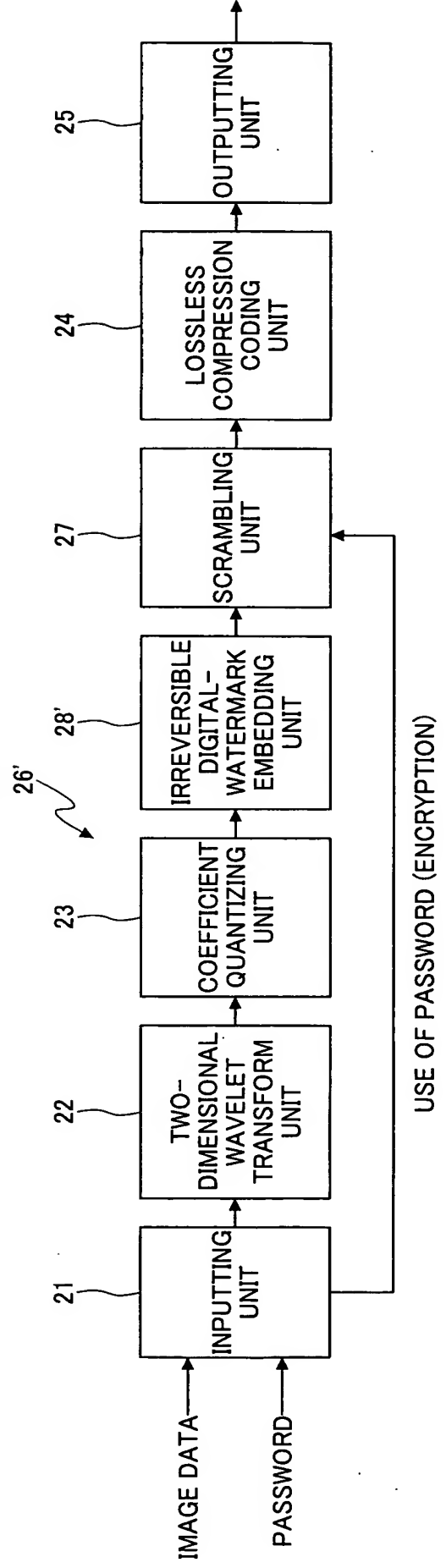


FIG.9B



**FIG.10**

<b>A</b>	<b>k-1</b>	<b>k</b>	<b>k+1</b>	<b>k+2</b>
<b>B</b>	<b>11</b>	<b>19</b>	<b>23</b>	<b>20</b>
<b>C</b>	<b>(+2)*2</b>	<b>(-3)*2</b>	<b>(-1)*2</b>	<b>(+1)*2</b>

FIG.11

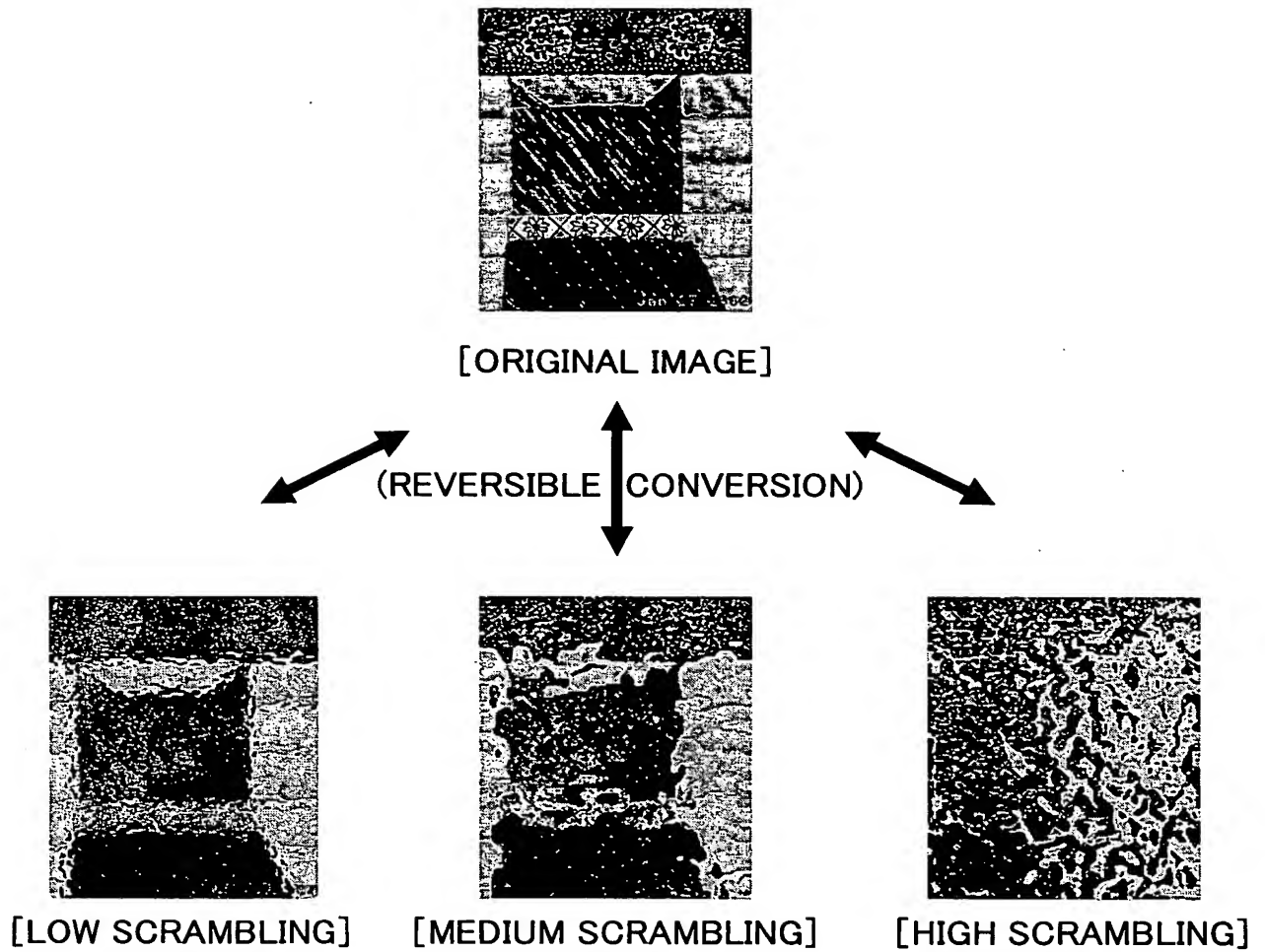


FIG.12

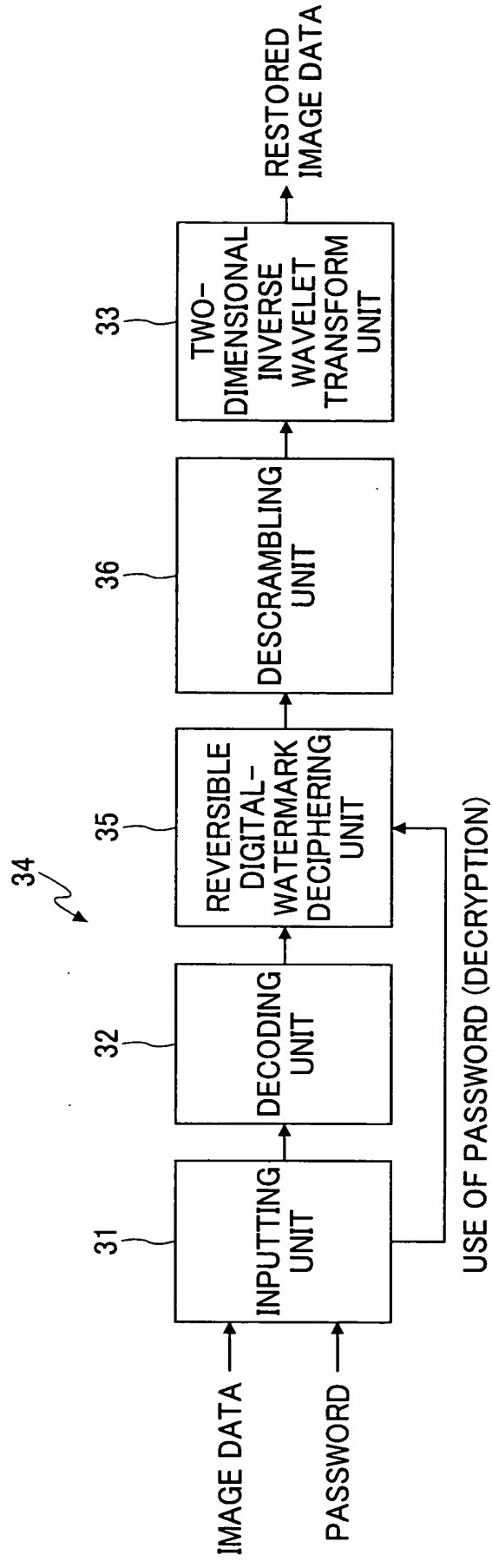


FIG.13A

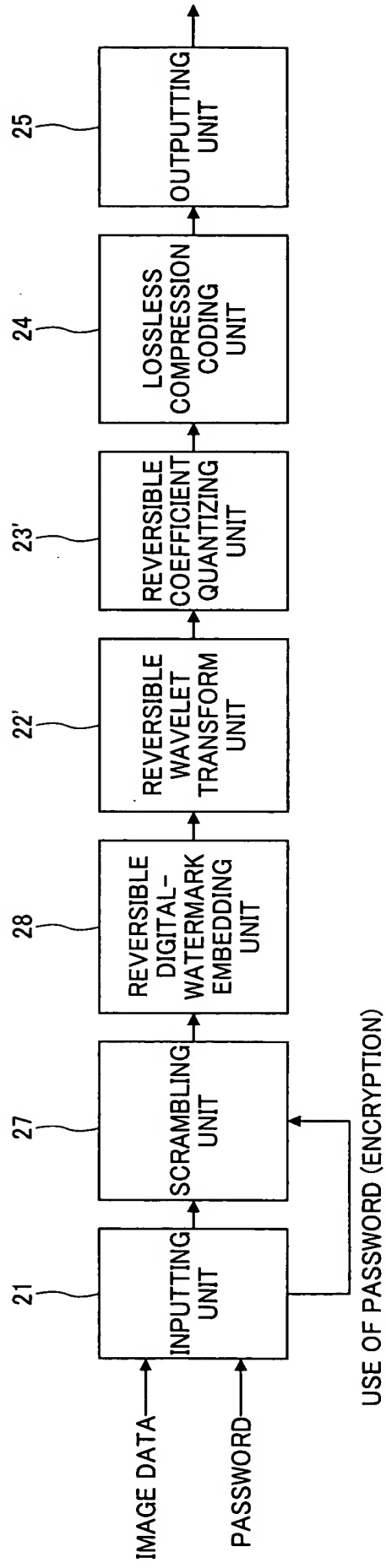


FIG.13B

